WATER MANAGEMENT DIVISION MONTHLY REPORT

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RESERVOIR OPERATION AND SYSTEM STATUS FOR MAY 2000

HIGHLIGHTS – Cairo began the month at 27.9', crested at 29.4' on the 31st, and ended at 28.3'. Normal stage for May is 33 feet.

WEATHER – The weather during May was warm. Temperatures averaged 2-4 degrees above normal as upper air jets remained more northerly than normal. Rainfall was varied across the basin with the southern states becoming very dry and northern areas wet. Observed precipitation was far below normal in southern Tennessee, Alabama, North Carolina and Virginia. However, above normal rainfall was observed in western Kentucky and much of Indiana and Ohio.

The following table summarizes temperature and precipitation for May:

TEMPERATURE AND PRECIPITATION – MAY 2000

	TEMPERATURE		PRECIPITATION	
STATION	OBSERVED DEGREES F	DEPARTURE FROM NORMAL	OBSERVED INCHES	DEPARTURE FROM NORMAL
Pittsburgh, PA	62.5	+3.0	5.69	+2.10
Charleston, WV	66.0	+2.5	4.74	+0.80
Columbus, OH	64.9	+3.7	5.42	+1.49
Cincinnati, OH	65.4	+2.5	5.21	+0.93
Louisville, KY	69.2	+3.9	2.92	-1.70
Indianapolis, IN	64.9	+2.1	3.80	+0.10
Evansville, IN	67.4	+1.9	2.60	-2.15
Nashville, TN	69.9	+2.2	7.66	+2.78

STREAMFLOW -- Ohio River monthly average flows for May ranged from a low of 88

percent of normal at Paducah, KY to a high of 130 percent of normal at Pittsburgh, PA. Daily flows ranged from a low of 18 percent of normal at Evansville, IN to a high of 163 percent of normal at Pittsburgh, PA.

The following table presents the flow data summary for May at the Ohio River Index Stations:

FLOW DATA – MAY 2000

STATION	AVERAGE MONTHLY FLOW	PERCENT LONG-TERM NORMAL		
.	CUBIC FEET/SECOND	MONTHLY	DAILY	
.	.	.	HIGH	LOW
Pittsburgh, PA	30,944	130	163	39
Huntington, WV	63,000	111	124	27
Cincinnati, OH	72,290	96	162	24
Louisville, KY	84,710	106	99	22
Evansville, IN	91,484	92	108	18
Paducah, KY	169,610	88	104	22

RESERVOIRS -- May started with 2.4% utilization of the total system flood control storage, peaked at 3.3% on the 30th, and ended the month at 2.7%. System-wide augmentation storage increased from 97.3% at the beginning of the month to 97.4% by the end of the month. Significant flood storage utilization in excess of 25% occurred at three reservoir projects during May; 25.7% at W. Branch, 39.8% at Berlin, and 36.5% at Milton.

The following table depicts storage change by tributary reservoir subsystem for May:

CHANGE IN STORAGE TRIBUTARY-RESERVOIR SUBSYSTEM	(ACRE-FEET)
Allegheny-Monongahela-Beaver	+53,700
Muskingum-Little Kanawha-Hocking-Kanawha-Guyandotte	+26,800
Twelvepole-Big Sandy-Little Sandy-Scioto	+6,000
Little Miami-Licking-Mill Creek-Great Miami	+9,600
Kentucky-Salt-Green-Wabash	+57,100

Cumberland	-64,300
TOTAL	**+88,900**

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